

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	32005	(imager ((image pixel) near2 (sensor array)) CCD).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/14 10:51
S2	153934	(light near2 (source emit\$4)).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/14 10:51
S3	19634	shutter.clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/14 10:51
S4	7339	(clos\$3 with (shutter (optical near2 path))).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/14 10:45
S5	61	S1 and S2 and S3 and S4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/14 10:51
S6	782	(S1 with (divid\$3 separat\$3)).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/14 10:46
S7	0	S5 and S6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/14 10:46
S8	10	S6 and S3 and S2	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/14 10:47
S9	19805	(imager ((image pixel) near2 (sensor array)) CCD).clm.	USPAT	OR	ON	2006/06/14 10:51
S10	15424	shutter.clm.	USPAT	OR	ON	2006/06/14 10:51
S11	102924	(light near2 (source emit\$4)).clm.	USPAT	OR	ON	2006/06/14 10:52
S12	73	((emit\$4 near2 light) with ((clos\$3 block\$3) near2 (shutter (optical near2 path))).clm.	USPAT	OR	ON	2006/06/14 10:53
S13	0	S12 and S9 and S11	USPAT	OR	ON	2006/06/14 10:53
S14	0	S12 and S9	USPAT	OR	ON	2006/06/14 10:53
S15	0	S12 and S9	USPAT	OR	ON	2006/06/14 10:53
S16	73	S12 and S11	USPAT	OR	ON	2006/06/14 10:54
S17	59	S12 and S10	USPAT	OR	ON	2006/06/14 10:58

Interference  
search

## EAST Search History

Double  
Patenting  
search

S18	14	S12 not S17	USPAT	OR	ON	2006/06/14 10:59
S19	42	Yasuhiko.in. with Shiomi.in.	US-PGPUB; USPAT	OR	ON	2006/06/14 12:03
S20	105	Toshio.in. with Matsumoto.in.	US-PGPUB; USPAT	OR	ON	2006/06/14 12:02
S21	34	T.in. with Matsumoto.in.	US-PGPUB; USPAT	OR	ON	2006/06/14 12:02
S22	0	Y.in. with Shiomi.in.	US-PGPUB; USPAT	OR	ON	2006/06/14 12:04